

RELIEF PORT

ABSTRACT OF THE DISCLOSURE

A relief port (10) includes a housing (20) adapted to mount in a wall (12) of an enclosure to provide flow passage through the wall between a first environment within the enclosure and a second environment external of the enclosure, and a valve assembly (50) associated with the housing. The valve assembly (50) has a base member (30) that extends across the flow passage and a valve member operatively associated with the base member. At least one flow port (35) is provided in the base member. The valve member has a resilient valve cover (52) and a valve stem (54) that mounts to the base member (30). The resilient valve cover (52) is responsive to a pressure differential between the first environment and the second environment acting across the valve cover. The resilient valve cover (52) closes the flow port to flow through the at least one flow port (35) whenever the pressure within the first environment is equal to or above the pressure within the second environment. Whenever the pressure within the first environment drops below the pressure within the second environment, the resilient valve cover (52) flexes away from the flow port to open the flow port to flow through the flow passage.